

# Zombie Dust Clone

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **127**
- SRM **6.5**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.6 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **16 liter(s)**
- Total mash volume **21 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**

## Mash step by step

- Heat up **16 liter(s)** of strike water to **75.5C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **10.6 liter(s)** of **76C** water or to achieve **21.6 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	4.2 kg (84%)	80 %	4
Grain	Münchner Malz Best	0.5 kg (10%)	78 %	20
Grain	Carapils Best	0.1 kg (2%)	75 %	5
Grain	Caramunich II Best	0.1 kg (2%)	73 %	120
Grain	Melanoidin BESTMALZ	0.1 kg (2%)	75 %	71

## Hops

Use for	Name	Amount	Time	Alpha acid
First Wort	Citra	28.08 g	60 min	12.9 %
Boil	Citra	46.85 g	15 min	12.9 %
Boil	Citra	46.85 g	10 min	12.9 %
Boil	Citra	46.85 g	5 min	12.9 %
Boil	Citra	46.85 g	1 min	12.9 %
Dry Hop	Citra	112.4 g	7 day(s)	12.9 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	15.86 g	Safale